

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 4:10 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 275 Const Calendar Day: 951 Date: 16-Apr-2012 Monday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:50 AM 07:45 PM Break: 00:30 Over Time: 04:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

Cable Compaction

2012-04-16

Overview of work today:

Cable compaction started today in the North main-span. Also, prep work for Cable compaction was done at the top of the Tower, and Cable formers were being installed (CCO-247). See below for a list of labor for this work.

- I arrived at the pier 7 office at 06:50, & was on the bridge at 07:00.

Cable Compaction – West Loop:

- Cable compaction continued in the West loop.
- From 07:00 until 09:00, they were basically using this time as a training session for the iron-worker foremen. They had backed up, & were re-squeezing the areas that were compacted on Saturday because the cable diameters were a little too high.
- From 09:00 until 09:30, I attended a safety meeting with the ABF Engineers & all of the Cable group staff that will be inspecting Cable compaction. We went over the procedures for the compaction operation, & the job hazard analysis.
- From 09:30 until 10:00, I accompanied John Lyons & Abbas Iranmenesh to the compaction operation at the West loop so they could get familiar with the operation since they will be inspecting the work at this compaction operation.

Cable Compaction – North main-span:

- At 10:15, I arrived at the top of the Tower to start inspecting the compaction prep work. At this time, they were testing the winches attached to the Tower saddle. These will be used to move the compaction equipment up & down the spans.
- At 11:00, the winches were all tested, & they were ready to start compaction. However, Caltrans had not yet given ABF the OK to start compaction in the spans because we had some concerns the position of some of the strands in the bundle.
- At 13:45, ABF was given the OK to proceed with compaction in the North main-span.
- From 14:15 until 14:45, they were removing tape from the strands around the exterior of the Cable bundle.
- At 14:50, squeeze #1 was started on the North main-span at about PP 44.5.
- Note: They were starting below the first Cable band, & working their way up the span to have a better chance of achieving the Cable diameters near the Tower saddle.
- At 15:20, squeeze #1 was finished, & the Cable diameters after releasing the load were: Ht = 786mm &



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Width = 790mm.

- Note: They were using nylon ratchet straps instead of stainless steel seizing bands for holding the Cable upon release. The nylon was being used instead of the stainless steel bands because this compacted area is only temporary until they compact above the upper Cable band, & then start compacting down the span.

- At 15:45, squeeze #2 was started at about PP 44.3.

At 16:20, squeeze #2 was finished, & the Cable diameters after releasing the load were: Ht = 788mm & Width = 792mm.

- At 16:45, squeeze #3 was started at about PP 44.1. This squeeze was not fully finished & released by the end of the shift.

Cable former installation work (CCO247):

- This is force account CCO work. Cable formers are required at only one location per span, but the Department has asked for them to be installed every 50m along the span (total of 7 per main-span, & 3 per side-span).

- CJ Biskner's crew was doing this work on the North side-span.

- From 07:00 until 11:00, they inserted the formers, & were working their way down from the top of the Tower. About 50% of the time was for item work, & 50% of the time should be applied to the CCO.

- After 11:00, they were working below mid-span, so this work is 100% applied to the CCO.

- The crew worked only an 8 hour shift, & a total of 6 hours should be applied to the CCO for the 5 crew members.

- At 17:40, I arrived back at the pier 7 office.

- From 17:45 until 18:15, I spoke with Roman Granados to give him an update of the start of compaction.

- From 18:15 until 18:40, I wrote my diary for the day.

- From 18:45 until 19:45, I reviewed 3 draft checklists for Cable band layout (laying out locations, checking the top center of Cable, & checking rotation layout) that were emailed to me by Matt Bruce. I compiled some comments, & then responded to the email with the review comments.

04-0120F4 Bid Item: 067 C-PWS-SUC.067 Compact Suspension Cables

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	Jose ALFARO	8.00	0.00	0.00	8.00	6 hrs on CCO-247 & 2 hrs on item work	<input type="checkbox"/>
Ironworker	JNM	STANLEY DALIE	8.00	0.00	0.00	8.00	6 hrs on CCO-247 & 2 hrs on item work	<input type="checkbox"/>
Ironworker	JNM	RENE MULATO	8.00	0.00	0.00	8.00	6 hrs on CCO-247 & 2 hrs on item work	<input type="checkbox"/>
Ironworker	JNM	MATTHEW COCHRAN	8.00	0.00	0.00	8.00	6 hrs on CCO-247 & 2 hrs on item work	<input type="checkbox"/>
Ironworker	FOR	CHRISTOPHER BISKNER	8.00	0.00	0.00	8.00	6 hrs on CCO-247 & 2 hrs on item work	<input type="checkbox"/>
Operator	JNM	HOWARD SCHROYER	8.00	3.00	0.00	11.00		<input type="checkbox"/>
Operator	OTH	NICOLAUS SHAFER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JACOB MECHE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	AUGIE SOLIS	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	HAYES BATISTE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	KEVIN RATCLIFF	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	CASEY LUX	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	GARY ANDERSON	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	ANTHONY COSTA	8.00	2.00	0.00	10.00		<input type="checkbox"/>

Attachment



ddrRptbyBidItem

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Overview of compaction operation at North main-span